

**Listing of Claims:**

1. (once amended) A winding structure of an inductor used in a power factor correction circuit, comprising:

a ring-shaped core with a gap; and

a first coil and a second coil wound around said core, wherein the negative end of said first coil and the positive end of said second coil is coupled to form a central tap; and

an adhesive tape wrapped around an outer surface of said core after said first coil and said second coil are wound around said core, wherein said adhesive tape is directly adhered on said first coil and said second coil wound around said core.

2. (currently presented) The winding structure according to claim 1 wherein said core is further covered with an insulating layer.

3. (currently presented) The winding structure according to claim 2 wherein said insulating layer is made of polyvinyl chloride (PVC).

4. (currently presented) The winding structure according to claim 1 wherein each of said first coil and said second coil is made double by winding two parallel winding conductors around said core.

5 – 7 (cancelled)